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TI Production of bioresorbable tubular metallic implants  
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US 2003221307	A1	20031204	US 2003-369138	20030220
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AB A procedure is disclosed for production of implants made of bioresorbable metals, especially Mg alloys or Zn alloys. The procedure involves casting, heat treatment (especially homogenization), and thermomech. treatment (especially extrusion). Resulting pin-shaped blanks are cut (e.g.,

by jet cutting) into ≥2 sections in the longitudinal direction and machined to produce tubular implants, especially cardiovascular implants (i.e., stents). Machining is done without use of cooling lubricants. The inner diameter of the stent is produced by drilling, and the outer diameter is produced by lathing. The stents are suitable for supporting arteries in human bodies. The implants have a sufficient strength and ductility and dissolve uniformly in the human bodies under controllable corrosion conditions.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT